

United States Department of Agriculture
Animal and Plant Health Inspection Service
Plant Protection & Quarantine
4700 River Road
Riverdale, MD 20737

Permit to Move Live Plant Pests, Noxious Weeds, and Soil
Importation
Regulated by 7 CFR 330

This permit was generated electronically via the ePermits system

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|--------------------------|---|----------------------------|-------------------|
| PERMITTEE NAME: | Kristine Godfrey | PERMIT NUMBER: | P526P-19-01817 |
| ORGANIZATION: | University of California, Davis | APPLICATION NUMBER: | P526-190318-018 |
| ADDRESS: | 555 Hopkins Road CRF Davis, CA 95616 | FACILITY NUMBER: | 71 |
| MAILING ADDRESS: | 555 Hopkins Road CRF Davis, CA 95616 | HAND CARRY: | No |
| PHONE: | 530-754-2104 | DATE ISSUED: | 04/11/2019 |
| FAX: | 530-754-8179 | EXPIRES: | 04/11/2022 |
| DESTINATION: | University of California, CRF, 555 Hopkins Road , Davis, CA 95616 | | |
| DESIGNATED PORTS: | CA, San Francisco; FL, Miami (Cargo, DHL, Fed Ex, UPS, etc); GA, Atlanta; NY, Jamaica; TX, Humble | | |

Under the conditions specified, this permit authorizes the following:

| <u>Regulated Article</u> | <u>Life Stage(s)</u> | <u>Intended Use</u> | <u>Shipment Origins</u> | <u>Originally Collected</u> | <u>Culture Designation</u> |
|--------------------------|----------------------|---|-------------------------|---|----------------------------|
| Tuta absoluta | Egg, Larvae, Pupae | Research - Greenhouse (growth chamber and lab included) | Europe | Originally Collected from Foreign Locations | |

SPECIAL INSTRUCTIONS TO INSPECTORS

See permit conditions below

DHS CBP INSPECTORS - SHIPMENT BY BONDED CARRIER

- 1) Confirm that the carrier of the shipment imported under this USDA PPQ 526 permit is commercially bonded.
- 2) Confirm that the imported shipment has a valid USDA PPQ Form 599 Red/White label attached to the exterior for routing to a USDA APHIS PPQ Inspection Station or other "Designated Port" as stated on the Permit. A valid label will have the permit number, expiration date, label number, and address of a USDA APHIS PPQ Plant Inspection Station/Designated Port. PLEASE NOTE: In the event of a shipment of bulk container with discrete units, a single PPQ Form 599 Red/White label may be used.
- 3) Validate the permit in ePermits using the CBP search feature.

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THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING
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Carlos Blanco

DATE

04/11/2019

WARNING: Any alteration, forgery or unauthorized use of this Federal Form is subject to civil penalties of up to \$250,000 (7 U.S.C.s 7734(b)) or punishable by a fine of not more than \$10,000, or imprisonment of not more than 5 years, or both (18 U.S.C.s 1001)

4) If a valid PPQ Form 599 Red/White label is not attached to the exterior of the package or the label has been covered or is otherwise not legible, then forward to the nearest USDA APHIS PPQ Plant Inspection Station.

5) If the address on the airway bill does not match the address on the PPQ Form 599 Red/White label then forward the package to the nearest USDA APHIS PPQ Plant Inspection Station/designated port shown on the PPQ Form 599 label. All costs associated with rerouting misaddressed packages will be assumed by the permit holder.

APHIS PPQ INSPECTORS at PIS - Low Risk

Follow the instructions in the Plant Inspection Station Manual for Low Risk Organisms - Arthropods or Microbials Red and White Labeled Packages (may be opened outside a biosafety cabinet; see procedures for handling on page 3-7-42). For questions or concerns, contact USDA APHIS PPQ in Riverdale, MD, at 301-851-2046, toll free 866-524-5421.

PERMIT GUIDANCE

1) Receipt or use of foreign isolates or samples from countries under sanctions requires specific permission from the U.S. Department of Treasury; please refer to

<https://www.treasury.gov/resource-center/sanctions/Programs/Pages/Programs.aspx>

2) This permit does not authorize movement or release into the environment of genetically engineered organisms produced with the regulated organisms described in this permit. Importation, interstate movement, and environmental release of genetically engineered plant pests require a different permit issued under regulations at 7 CFR part 340. Any unauthorized interstate movement or environmental release, including accidental release, of a regulated GE organism would be a violation of those regulations. Additional guidance and contact information for APHIS Biotechnology Regulatory Services, can be found at: <https://www.aphis.usda.gov/aphis/ourfocus/biotechnology>.

3) This permit does not fulfill the requirements of other federal or state regulatory authorities. Please contact the appropriate agencies, such as the U.S. Environmental Protection Agency, the U.S. Fish and Wildlife Service, the U.S. Food and Drug Administration, the Centers for Disease Control and Prevention, the APHIS Veterinary Services unit, the APHIS Biotechnology Regulatory Services, or your State's Department of Agriculture to ensure proper permitting.

4) This permit does not authorize movement or use of plant pathogens listed in the Public Health Security and Bioterrorism Preparedness and Response Act of 2002. If any organism listed as a Select Agent is identified from materials associated with this research, the permit holder is required to notify APHIS, Agriculture Select Agent Services (AgSAS) immediately by phone at 301-851-3300 option 3, and within seven (7) days submit APHIS/CDC Form 4A (Report of Identification of a Select Agent or Toxin in a Clinical or Diagnostic Laboratory) to APHIS, AgSAS; 4700 River Rd, Unit 2, Riverdale, MD 20737 (see instructions at:

[https://www.selectagents.gov/resources/APHIS-CDC Form 4 Guidance Document.pdf](https://www.selectagents.gov/resources/APHIS-CDC%20Form%204%20Guidance%20Document.pdf)). Failure to comply with this requirement is a violation of the Agricultural Bioterrorism Protection Act of 2002.

Plant pathogen select agents currently listed include: *Peronosclerospora philippinensis* (*Peronosclerospora sacchari*), *Conothyrium glycines* (formerly *Phoma glycinicola* and *Pyrenochaeta*

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glycines), Ralstonia solanacearum, Rathayibacter toxicus, Sclerophthora rayssiae, Synchytrium endobioticum, and Xanthomonas oryzae.

PERMIT CONDITIONS

USDA-APHIS authorizes Kristine Godfrey, University of California, Davis, 555 Hopkins Road, CRF, Davis, CA, to import eggs, larvae, and pupae of *Tuta absoluta* from Europe for laboratory and greenhouse research in the USDA-APHIS approved Facility Number 71 at the address above. All these conditions must be followed:

1. All packages for transport must minimally consist of both inner/primary and outer/secondary packages securely sealed so that both are effective barriers to escape or unauthorized dissemination of *Tuta absoluta*. The inner/primary package(s) will contain all the tomato leafminers and must be cushioned and sealed in such a way that it remains sealed during shock, impact, and pressure changes that may occur. The outer/secondary shipping container must be rigid and strong enough to withstand typical shipping conditions (dropping, stacking, impact from other freight, etc.) without opening.
2. Modifications to the containment facility 71, or any changes that affect the containment of *Tuta absoluta* must be approved by APHIS prior to making changes. Please contact the Pest Permit Staff (email: pest.permits@aphis.usda.gov; phone: 866-524-5421; address: 4700 River Rd., Unit 133, Riverdale, MD 20737; Fax: 301-734-8700).
3. This authorization is not valid for field research, or release into the environment.
4. All *Tuta absoluta* must be maintained under escape-proof conditions in the APHIS-approved Facility Number 71 area at the work address indicated on this permit. Regulated insects must be removed from this facility or other designated area only with prior authorization from APHIS. Only the evaluated area is authorized for containment. Other rooms require specific approval. Access to this area must be restricted to authorized personnel only.

The capacity of this insect to escape (dig, claw, push, fly, or chew through wood, plastics, or metals) must be considered in containment design.


Collection methods must be available to catch escaping tomato leafminers.

All materials removed from caging must be thoroughly examined for *Tuta absoluta*, and disposed of following the waste disposal condition.

5. WASTE DISPOSAL:

All *Tuta absoluta* and all items coming in direct contact or exposed to the imported tomato leafminers must be sterilized/sanitized/decontaminated prior to removal from the authorized containment facility. This includes all items from shipping, culturing, care, and maintenance of *Tuta absoluta*. This requirement includes but is not necessarily limited to: packaging directly exposed to the regulated materials/organisms, substrates (culture media, soil, plant materials (food materials or

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host plants)), leftover/unused/unneeded live cultures, and dead specimens/cultures unless specified otherwise in the permit.

All waste materials must be treated by one of the follow methods prior to disposal:

Use any of the following, either alone or in combination: 1) autoclaved, 2) or disposed of as medical /biohazard waste with bonded contracted company or, 3) or incinerated, 4) or frozen at minus 20 Celsius (minus 4 Fahrenheit) for 72 hours (Note: this is colder than a conventional refrigerator/freezer), 5) or immersed in Sodium Hypochlorite (6 percent household bleach) for at least 60 minutes, or 6) immersed in 70 percent alcohol for at least 30 minutes.

Treated waste as in 1) to 6), must be double bagged prior to disposal.


6. There is to be no further movement or distribution of Tuta absoluta within the United States and its territories unless the recipient holds, or is named as a responsible party on a valid PPQ526 permit for receipt of tomato leafminers.
7. All persons working with Tuta absoluta must be informed of these permit conditions. Anyone working with these materials/organisms must agree to and sign/initial these conditions before beginning work. These signed conditions do not need to be submitted to USDA/APHIS but must be readily accessible and made available to Federal and State regulators upon request.

Note: these conditions may be copied and stored electronically for electronic signature and initialing provided that the permit number, authorized materials/organisms and life stages, release locations if applicable, and authorization statement all appear on the document with the permit number. Signing these conditions only indicates that the person working under this permit has read them; the permit holder is the sole responsible party under this permit.

8. The permit holder must:

- maintain a valid PPQ526 permit so long as the regulated materials/organisms are alive or viable,
- not assign or transfer this permit to other persons without APHIS PPQ authorization,
- maintain an official permanent work assignment, residence, or affiliation at the address on this permit,
- notify the Pest Permit Staff as soon as possible of any change in the permit holder's work assignment, residence, or affiliation,
- notify the Pest Permit Staff of the receipt of unauthorized and/or misdirected shipments of regulated materials/organisms,

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- adequately mitigate environmental impacts resulting from unauthorized release of regulated materials/organisms and notify the Pest Permit staff immediately if one occurs,
- notify the Pest Permit Staff if the facility is damaged/destroyed or if you wish to decommission the facility,
- destroy all regulated materials/organisms prior to departure from the organization unless other arrangements are confirmed by the Pest Permit Staff.

Notifications to the Pest Permit Staff must be made via 866-524-5421 or pest.permits@aphis.usda.gov within one business day of the event triggering a notification.

9. • This permit is issued by the United States Department of Agriculture's Animal and Plant Health Inspection Service (APHIS). It conveys APHIS regulations and requirements for the material(s) listed on this permit. It does not reduce or eliminate your legal duty and responsibility to comply with all other applicable Federal and State regulatory requirements.
- The permit number or a copy of the permit must accompany the shipment.
- You must be an individual at least 18 years old, or legal entity such as partnership, corporation, association, or joint venture.
- You are legally responsible for complying with all permit requirements and permit conditions.
- The regulated material and shipping container(s) are subject to inspection by officials of Custom and Border Protection (CBP) and APHIS. CBP or APHIS officials may require the shipment to be treated, seized, re-exported, or destroyed (in part or whole). You will be responsible for expenses.
- If you violate any applicable laws associated with this permit, you may face substantial civil or criminal penalties. We may cancel all current permits and deny future permit applications.
- Without prior notice and during reasonable hours, authorized Federal and State Regulators must be allowed to inspect the conditions associated with the regulated materials/organisms authorized under this permit.

END OF PERMIT CONDITIONS

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